

Science on a canoe trip through time Labyrinth Canyon • Aug. 3-6, 2010

Offered through Utah State University-College of Eastern Utah

Utah State University-College of Eastern Utah Teacher Science Excursion

August 3-6, 2010

Register for college credit by July 16

What we'll do

Begin your study at home the week of July 19. Online information will be provided when you register or get information at www.carbonrec.com (link on the right side of the home page). Learn geology, biology, and astronomy as we float down the river — and through time — in this amazing canyon. Be sure to bring your camera and extra batteries (and your significant other). You'll take home images and memories that you'll share and talk about the rest of your life.

Geology — Michelle Fleck, PhD

michelle.fleck@ceu.edu

- Geologic time
- Sedimentary rocks
- River systems
- Landscape development

Biology — Jon Krum, PhD

jon.krum@ceu.edu

- Properties of Water
- Microorganisms
- Adaptation
- Genetics and Technology

Astronomy — David Kardelis, PhD

david.kardelis@ceu.edu

- Night sky- motion of the stars
- Observation/Celestial navigation

Use of a telescope

Using a star chart to find celestial objects

- Meteor showers (if the timing is right)
- Telescope design/types

Photography — Layne Miller

- See nature through the lens of a camera
- Simple techniques to improve your outdoor images

History — Layne Miller

- Follow the path of the legendary John Wesley Powell
- Visit prehistoric petroglyphs

Outdoor Cooking — Layne Miller & Bo Christensen

Help these gourmet outdoor chefs prepare some of their delectable treats.

River Safety — Bo Christensen

Learn the skills necessary to be safe on the river.

This is a working trip

You will be involved in all aspects of the trip, from paddling your own canoe to helping prepare and clean up meals.

Cost is \$425, which includes all necessary river gear, meals, and transportation from Price. College credit, which gives you continuing education units (re-licensure points) are available for an additional fee. Call Bo Christensen at 435-636-3702 or email him at bo.christensen@ceu.edu to discuss trip details. After you are registered you will receive course materials and all the information you need.

Trip fee of \$425 is paid to Carbon Recreation.

Call 636-3702 to register.

Information at :

www.carbonrec.com.

College credit is available for an additional fee through Utah State University-College of Eastern Utah. Credit is \$75 per credit hour, (one-credit for each course, Geology, Biology, & Astronomy. Photography, history and cooking are not offered for credit.

Register for one to three credits. Online portion of the course begins the week of July 19. Significant others welcome for just the trip fee.

For teachers
& students
College credit
& teacher
certification

Geology
Biology
Astronomy
History
Photography

Science for Educators
In conjunction with Carbon County Recreation
www.carbonrec.com • 435-636-3702